able on small concentrations of oil slicks endangering marine life although minute floating plant and animals life at the surface do get affected.

(c) Control of oil pollution arising due to the operation of ships is being dealt with under the Merchant Shipping Act, 1958. The anti-pollution provisions of this Act are reviewed periodically and rules are made more and more stringent to discourage the release of residual oil from the oil tankers close to the Indian coast. The International Convention MARPOL 1973 and its protocol of 1978 also provide regulations to control oil pollution arising from ships. Due to ratification of MARPOL 73/78 by many tanker operating countries, it is expected that the oil pollution due to the operation of oil tankers will decrease in future.

Ores in the coastal area of Andhra Pradesh

*138. DR. YELAMANCHILI SIVAJI: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that there are some valuable ores in the coastal area of Andhra Pradesh that are useful for Atomic Energy; and

(b) if so, whether there is any proposal to dig out the same?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) and (b) Yes Sir. Parts of coastal stretches of Andhra Pradesh contain heavy minerals. Atomic Minerals Division of Department of Atomic Energy has been conducting field and laboratory investigations viz., survey, sampling and estimation of heavy minerals in the beach sands of parts of the Andhra Pradesh Coast. Exploitation of these deposits may be taken up should the results of the above studies so warrant.

सिंचाई योजनाओं के लिए अतिरिक्त धनराशि

*139. **श्री संतोष बागड़ोदिया :** क्या जल संसाधन मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या योजना आयोग ने सूखा राहत कार्यक्रम के अधीन विभिन्न राज्यों को अनेक सिंचाई योजनाओं के लिये अतिरिक्त धनराशि मंजूर की है ; और

(ख) यदि हां, तो उक्त कार्यक्रम के अधीन राजस्थान को सिंचाई योजनाओं के लिये कितनी अतिरिक्त धनराशि मंजूर की गई है ?

विधि और न्याय मंत्री तथा जल संसाधन मंत्री (श्री बी० शंकरानन्द) :

(क) योजना आयोग ने वर्ष 1987-88 में सूखे से प्रभावित 14 राज्यों के लिये सूखा राहत कार्यक्रम के अन्तर्गत प्रारम्भ किये जाने वाले सिंचाई कार्यों के लिये अतिरिक्त परिव्यय स्वीकृत किया है।

(ख) राजस्थान के लिये स्वीकृत अतिरिक्त परिव्यय की धनराशि 37.50 करोड़ रुपये की है।

Indo-US technology collaboration

*140. SHRI SURESH PACHOURI: Will the Minister of EXTERNAL AFFAIRS be pleased to state:

(a) whether it is a fact that India has shown keen interest in US technology;

(b) if so, whether any team visited US in this regard;

(c) what are the areas on which US Technology will be imported;

(d) whether in 1985, after the Prime Minister's visit to the USA, there was a turning point in Indo-US Technological collaboration; and

(e) if so, what were the agreements reached after the Prime Minister's visit regarding US Technological collaboration?

THE MINISTER OF STATE IN THE MINISTRY OF EXTERNAL AFFAIRS (SHRI K. NATWAR SINGH): (a) The Government is interested in high technology from the US and from elsewhere.

(b) Yes, Sir.

(c) Imports of US technology depend upon the requirements of public and private sector enterprises. No specific areas have been designated for imports.

(d) Yes, Sir.

(e) Major agreements on technological collaboration include: indigenous manufacture of Controlled Data Corporation Mainframe Computers (CDC 810 and CDC 830); sophisticated technologies and equipment for the LCA Project; acquisition of Cray XMP-14 Super Computer; Import of main frame computer IBM-3090; and manufacture in India of Micro VAX-2 computers.

Setting up of wave energy projects

@1083. SHRI D. B. CHANDRE GOWDA: Will the PRIME MINISTER be pleased to state:

(a) whether Government have any proposal to set up wave energy projects in the country;

(b) if so, whether any sites have since been identified to set up such projects;

(c) what is the estimated energy generation by these projects; and

(d) to what extent shortage of energy in the country is likely to be met as a result thereof?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) Yes, Sir.

(b) Yes, Sir. The Vizhinjam Harbour in Kerala has been identified for the trial of a pilot wave power plant.

(c) The plant which is being set up at Vizhinjam is likely to have an installed capacity of approximately 150 KW.

(d) The present wave energy device is only prototype in nature. The total energy to be generated by establishing such a wage energy project is yet to be determined.

Developmental projects in Arabian Sea

1084. SHRI THOMAS KUTHIRAVATTOM: Will the PRIME MINISTER be pleased to state what are the developmental projects in Arabian Sea which are under Government's consideration especially in the sea adjoining the Kerala Coast with details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): There are several developmental projects which the Government is undertaking in the Arabian Sea adjoining the Kerala Coast. For the survey of living resources, the

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@Previously Unstarred Question 665 transferred from the 1st August, 1988.